

ABSTRACT OF THE DISCLOSURE

Abstract

~~Mobile radio transmitting/radio receiving device with a tunable antenna~~

- ~~In~~ A mobile radio transmitting and receiving device with a tunable antenna wherein,
- 5 in order to provide a transmission/reception capability in different frequency bands, with a virtually constant, stable antenna gain, with a the radio ~~transmitting/radio~~ transmitting and receiving device, a dielectric body which is mounted such that it can be moved is guided by adjusting ~~means~~ part, which are controlled by a control device, in a near area of an antenna body, such that the extent of an overlap of the two bodies in the near area of the antenna body
- 10 is changed until at least one physical input variable, which represents the reception and transmission quality, reaches an optimum.

Figure 1